

IFU

Appln. No.: 10/664,917  
Amendment dated December 10, 2004  
Reply to Office Action of September 14, 2004



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:

**Kenichi IMAMIYA**

Serial No.: 10/664,917

Filed: September 22, 2003

For: POTENTIAL DETECTOR AND  
SEMICONDUCTOR INTEGRATED  
CIRCUIT

Atty. Docket No.: 002372.00047

Group Art Unit: 2816

Examiner: Cunningham, T.

Confirmation No.: 5120

**AMENDMENT**

U.S. Patent and Trademark Office  
220 20th Street S.  
Customer Window, Mail Stop Amendment  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Sir:

**RESPONSE**

In response to the Office Action mailed September 14, 2004, please amend the instant application as follows:

**Amendments to the Claims** are reflected in the Listing of Claims, which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.